

**UTILITY  
PATENT APPLICATION  
TRANSMISSION**

Our Docket No.:

A-70788-1/AJT/RMA (469219- )

Date: September 19, 2003

First Named Inventor: Akash R. Deshpande

Title: Apparatus, Method, and Computer Program for Dynamic Slip Control in Real-Time Scheduling

Express Mail No.: EV 182 099 435 US

**ADDRESS TO:****Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

22154 U.S. PRO  
10/665875  
09/19/03

**APPLICATION ELEMENTS**

1. ☒ Fee Calculation Sheet  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status
3. ☒ Specification Total Pages: 22
- ☒ Descriptive title of the invention
- ☒ Cross References to Related Applications
- ☐ Statement Regarding Fed. Sponsored R&D
- ☐ Reference to Microfiche Appendix
- ☒ Background of the Invention
- ☒ Brief Summary of the Invention
- ☒ Brief Description of the Drawings
- ☒ Detailed Description
- ☒ Claims- 10 Pages
- ☒ Abstract of the Disclosure- 1 Page
4. ☒ Formal Drawings (35 U.S.C. 113) Total Sheets: 4
5. ☒ Oath or Declaration and P.O.A. Total Pages: 2
- a. ☒ Newly Executed (original or copy)  
Unexecuted
- b. ☐ Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional with Box 19 completed)
1. ☐ **DELETION OF INVENTORS**  
Signed statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b))
6. ☐ Application Data Sheet (37.C.F.R. 1.76)

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10. ☐ Assignment Papers (cover sheet & document(s))
11. ☐ 37 C.F.R. 3.73(b) Submission
12. ☐ Power of Attorney (signed)
13. ☐ English Translation Document (if applicable)
14. ☐ Information Disclosure Statement (with Copies of Citations as necessary)
15. ☐ Preliminary Amendment Total Pages:
16. ☒ Return Receipt Postcard (Should be specifically itemized)
17. ☐ Certified Copy of Priority document(s) (if foreign priority is claimed)
18. ☒ Other: Check \$672.00 for filing fee and extra claims  
Source Code Appendix attached to Specification- 10 pages

19. **If a CONTINUING APPLICATION**, check appropriate box and supply the requisite information:  
☒ Continuation ☐ Division ☐ Continuation-in-part (CIP) of prior Application No.: 09/318,913 filed May 26, 1999

For continuation or divisional applications: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference

**CORRESPONDENCE ADDRESS**

ATTY NAME	R. Michael Ananian Reg. No. 35,050	SIGNATURE: <i>R. M. Ananian</i>	DATE September 19, 2003
ADDRESS	DORSEY & WHITNEY LLP Four Embarcadero Center Suite 3400 San Francisco, California 94111-4187		
TELEPHONE	(650) 494-8700		
FAX	(650) 494-8771		
		Customer Number: 32940	

1063486

16310 U.S. PTO  
09/19/03

# APPLICATION FEE TRANSMITTAL SHEET (FY 2003)

Complete if Known	
Application No.	Not yet assigned
Filing Date	September 19, 2003 (Herewith)
First Named Inventor	Akash R. Deshpande
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Atty. Docket Number	A-70788-1/RMA (469219- )

METHOD OF PAYMENT (Check One)		FEE CALCULATION (Continued)																																																																																																													
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account No.: 50-2319 Deposit Account Name: <u>DORSEY &amp; WHITNEY LLP</u>  <input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> <th>Fee paid</th> </tr> </thead> <tbody> <tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>130</td><td>65</td><td>Surcharge - Late nonprovisional filing fee or oath</td><td></td></tr> <tr><td>180</td><td>180</td><td>Submission of IDS</td><td></td></tr> <tr><td>40</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>110</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>410</td><td>205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>930</td><td>465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1,450</td><td>725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1,970</td><td>985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>750</td><td>375</td><td>Submission After Final 1.129</td><td></td></tr> <tr><td>320</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>320</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>280</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>110</td><td>55</td><td>Terminal Disclaimer Fee</td><td></td></tr> <tr><td>130</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>50</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>1,300</td><td>650</td><td>Utility/Reissue Issue Fee (including advance copies)</td><td></td></tr> <tr><td>470</td><td>235</td><td>Design Issue Fee (inc. advance copies)</td><td></td></tr> <tr><td>750</td><td>375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>300</td><td>300</td><td>Publication fee for early, voluntary, or normal publication</td><td></td></tr> <tr><td>300</td><td>300</td><td>Publication fee for re-publication</td><td></td></tr> <tr><td>110</td><td>55</td><td>Petition to Revive - unavoidable</td><td></td></tr> <tr><td>1,300</td><td>650</td><td>Petition to Revive - unintentional</td><td></td></tr> <tr><td colspan="4">OTHER FEE (specify):</td></tr> <tr><td colspan="4">Subtotal (3)</td></tr> <tr><td colspan="4">Total Amount of Payment: \$672.00</td></tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	Fee paid	50	25	Surcharge - late provisional filing fee or cover sheet		130	65	Surcharge - Late nonprovisional filing fee or oath		180	180	Submission of IDS		40	40	Recording each patent assignment per property (times number of properties)		110	55	Extension for reply within first month		410	205	Extension for reply within second month		930	465	Extension for reply within third month		1,450	725	Extension for reply within fourth month		1,970	985	Extension for reply within fifth month		750	375	Submission After Final 1.129		320	160	Notice of Appeal		320	160	Filing a brief in support of an appeal		280	140	Request for oral hearing		110	55	Terminal Disclaimer Fee		130	130	Petitions to the Commissioner		50	50	Petitions related to provisional applications		1,300	650	Utility/Reissue Issue Fee (including advance copies)		470	235	Design Issue Fee (inc. advance copies)		750	375	Request for Continued Examination (RCE)		300	300	Publication fee for early, voluntary, or normal publication		300	300	Publication fee for re-publication		110	55	Petition to Revive - unavoidable		1,300	650	Petition to Revive - unintentional		OTHER FEE (specify):				Subtotal (3)				Total Amount of Payment: \$672.00			
Large Entity Fee	Small Entity Fee	Fee Description	Fee paid																																																																																																												
50	25	Surcharge - late provisional filing fee or cover sheet																																																																																																													
130	65	Surcharge - Late nonprovisional filing fee or oath																																																																																																													
180	180	Submission of IDS																																																																																																													
40	40	Recording each patent assignment per property (times number of properties)																																																																																																													
110	55	Extension for reply within first month																																																																																																													
410	205	Extension for reply within second month																																																																																																													
930	465	Extension for reply within third month																																																																																																													
1,450	725	Extension for reply within fourth month																																																																																																													
1,970	985	Extension for reply within fifth month																																																																																																													
750	375	Submission After Final 1.129																																																																																																													
320	160	Notice of Appeal																																																																																																													
320	160	Filing a brief in support of an appeal																																																																																																													
280	140	Request for oral hearing																																																																																																													
110	55	Terminal Disclaimer Fee																																																																																																													
130	130	Petitions to the Commissioner																																																																																																													
50	50	Petitions related to provisional applications																																																																																																													
1,300	650	Utility/Reissue Issue Fee (including advance copies)																																																																																																													
470	235	Design Issue Fee (inc. advance copies)																																																																																																													
750	375	Request for Continued Examination (RCE)																																																																																																													
300	300	Publication fee for early, voluntary, or normal publication																																																																																																													
300	300	Publication fee for re-publication																																																																																																													
110	55	Petition to Revive - unavoidable																																																																																																													
1,300	650	Petition to Revive - unintentional																																																																																																													
OTHER FEE (specify):																																																																																																															
Subtotal (3)																																																																																																															
Total Amount of Payment: \$672.00																																																																																																															
<b>FEE CALCULATION</b> <table border="1"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>160</td><td>80</td><td><input type="checkbox"/> Provisional Filing Fee</td></tr> <tr><td>750</td><td>375</td><td><input checked="" type="checkbox"/> Utility Filing Fee</td></tr> <tr><td>330</td><td>165</td><td><input type="checkbox"/> Design Filing Fee</td></tr> <tr><td>750</td><td>375</td><td><input type="checkbox"/> Reissue Filing Fee</td></tr> <tr><td colspan="3">Subtotal (1) \$375.00</td></tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	160	80	<input type="checkbox"/> Provisional Filing Fee	750	375	<input checked="" type="checkbox"/> Utility Filing Fee	330	165	<input type="checkbox"/> Design Filing Fee	750	375	<input type="checkbox"/> Reissue Filing Fee	Subtotal (1) \$375.00			<table border="1"> <thead> <tr> <th colspan="6">2. EXTRA* CLAIM FEES</th> </tr> <tr> <th></th> <th>Number Claims</th> <th>Prior</th> <th>Extra</th> <th>Fee from Below*</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>53</td> <td>-</td> <td>20</td> <td>= 33 x \$9.00</td> <td>= \$297.00</td> </tr> <tr> <td>Indep.</td> <td>3</td> <td>-</td> <td>3</td> <td>= 0 x \$42.00</td> <td>= \$0.00</td> </tr> <tr> <td>Multiple Dependent Claims</td> <td></td> <td></td> <td></td> <td>= x \$0.00</td> <td>= \$0.00</td> </tr> <tr><td colspan="6">Subtotal (2) \$297.00</td></tr> </tbody> </table>		2. EXTRA* CLAIM FEES							Number Claims	Prior	Extra	Fee from Below*	Fee Paid	Total	53	-	20	= 33 x \$9.00	= \$297.00	Indep.	3	-	3	= 0 x \$42.00	= \$0.00	Multiple Dependent Claims				= x \$0.00	= \$0.00	Subtotal (2) \$297.00																																																											
Large Entity Fee	Small Entity Fee	Fee Description																																																																																																													
160	80	<input type="checkbox"/> Provisional Filing Fee																																																																																																													
750	375	<input checked="" type="checkbox"/> Utility Filing Fee																																																																																																													
330	165	<input type="checkbox"/> Design Filing Fee																																																																																																													
750	375	<input type="checkbox"/> Reissue Filing Fee																																																																																																													
Subtotal (1) \$375.00																																																																																																															
2. EXTRA* CLAIM FEES																																																																																																															
	Number Claims	Prior	Extra	Fee from Below*	Fee Paid																																																																																																										
Total	53	-	20	= 33 x \$9.00	= \$297.00																																																																																																										
Indep.	3	-	3	= 0 x \$42.00	= \$0.00																																																																																																										
Multiple Dependent Claims				= x \$0.00	= \$0.00																																																																																																										
Subtotal (2) \$297.00																																																																																																															
<table border="1"> <thead> <tr> <th>Large Entity Fee</th> <th>Small Entity Fee</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>18</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>84</td><td>42</td><td>Independent claims in excess of 3</td></tr> <tr><td>280</td><td>140</td><td>Multiple dependent Claim</td></tr> <tr><td>84</td><td>42</td><td>Reissue independent claims over original patent</td></tr> <tr><td>18</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table>		Large Entity Fee	Small Entity Fee	Fee Description	18	9	Claims in excess of 20	84	42	Independent claims in excess of 3	280	140	Multiple dependent Claim	84	42	Reissue independent claims over original patent	18	9	Reissue claims in excess of 20 and over original patent	*Calculation of Extra Claim Fees																																																																																											
Large Entity Fee	Small Entity Fee	Fee Description																																																																																																													
18	9	Claims in excess of 20																																																																																																													
84	42	Independent claims in excess of 3																																																																																																													
280	140	Multiple dependent Claim																																																																																																													
84	42	Reissue independent claims over original patent																																																																																																													
18	9	Reissue claims in excess of 20 and over original patent																																																																																																													

## Submitted by:


Name: R. Michael Ananian	Reg. No.:35,050	Telephone: 650-494-8700
DORSEY & WHITNEY LLP	Four Embarcadero Center, Suite 3400 San Francisco, California 94111-4187	Customer Number 32940
Signature: <i>R. Michael Ananian</i>		Date: September 19, 2003

<b>NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor <b>Akash R. Deshpande</b>	
	Title	<b>Apparatus, Method, and Computer Program for Dynamic Slip Control in Real-Time Scheduling</b>
	Attorney Docket No. <b>A-70788-1/AJT/RMA (469219- )</b>	

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen (18) months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

September 19, 2003  
Date

  
Signature

R. Michael Ananian  
Typed or printed name

35,050  
Registration No.

This request must be signed in compliance with 37 C.F.R. 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen (18) months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen (18) months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**